

**Amendments to the Specification:**

Please replace the last paragraph on page 7, beginning on line 19, with the following amended paragraph:

A bipolar device **40** suitable for use as a fuel cell, as shown in ~~Fig. 1~~ Figs. 1(a) and 1(b), comprises an electrolyte layer **46** sandwiched between an anode **42** and a cathode **44**. The device **40** is generally operable in two modes: a fuel cell mode and an electrolysis mode. In the fuel cell mode, hydrogen and oxygen are consumed thereby producing water and energy. In the fuel cell mode, energy is available as an electrical potential across anode **42** and cathode **44**. In the electrolysis mode, water and energy are consumed thereby producing oxygen and hydrogen. In the electrolysis mode, energy is applied across the anode **42** and the cathode **44**. In either mode, diffusion and/or transport of constituents are design considerations. The present invention is not limited however to hydrogen gas and oxygen gas fuels; methanol and other fuels (supplied as solid, gas, and/or liquid) are also within the scope of the present invention.